

MILITARY SPECIFICATION
 CONNECTOR, AUDIO, AIRBORNE

This amendment forms a part of MIL-C-9177B(USAF), dated 30 April 1981 and is approved for use within the Electronic Support Division, Department of the Air Force, and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

2.1, delete "MIL-C-55330 - Connectors, Preparation for Delivery of." and substitute "MIL-C-55330 - Connectors, Electrical and Fiber Optic, Packaging of."

PAGE 8

3.6.18.2, delete and substitute:

"3.6.18.2 Unmated connectors. When tested in accordance with 4.6.19.2, each contact spring of the test connector shall be deflected by an amount not more than 0.015 inch (0.38 mm).

Add the following new paragraph:

"3.6.22.1 Anti-rotation detents (when specified, see 3.1). When tested in accordance with 4.6.23.1, the jack contact insert shall not rotate within the shell halves nor shall there be failure of the cable attachment means."

PAGE 10

Table 1, group III, add the following:

"Anti-rotation detents (when specified)	3.6.21	4.6.23
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PAGE 12

4.5.3, *Inspection of packaging*, second line, delete the word "packaging".

PAGE 15

4.6.19.2, delete and substitute:

"4.6.19.2 Unmated connectors (see 3.6.18.2) while in the unmated state, each contact spring shall be subjected to a force of 12 ounces minimum applied in a direction perpendicular to the connector axis away from the connector body."

4.6.21, delete and substitute:

"4.6.21 Frame strength (see 3.6.20). With the axis of the connector mated in a horizontal plane to a solid steel plug conforming to the dimensions of plug M9177/1-1, a 20-pound (minimum) load shall be freely suspended from the cord end of the connector for a minimum of five minutes in each of four 90 degree positions.

Add the following new paragraph:

"4.6.23.1 Anti-rotation detents (see 3.6.22.1). The specified cable (see 3.1) shall be assembled to the test connector. The connector body shall be secured and the cable shall be clamped close to the point that it exits the connector body. A twisting force of seven pound-inches shall be applied to the cable in each direction for a minimum of one minute.

MIL-C-9177B(USAF)
AMENDMENT 2

CONCLUDING MATERIAL

Review activities:
Air Force - 11, 99
DLA - ES

User activities:
Air Force - 17, 19

Preparing activity:
Air Force - 85

(Project 5935-F323)